

Docket 58-0102-2201

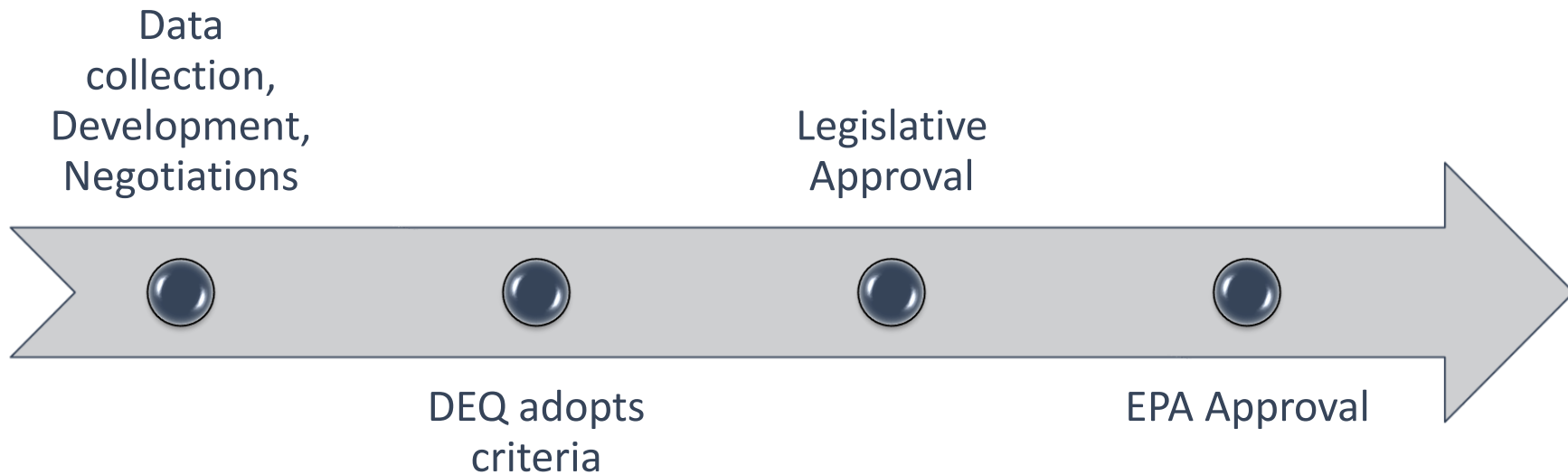
Human Health Criteria for Arsenic



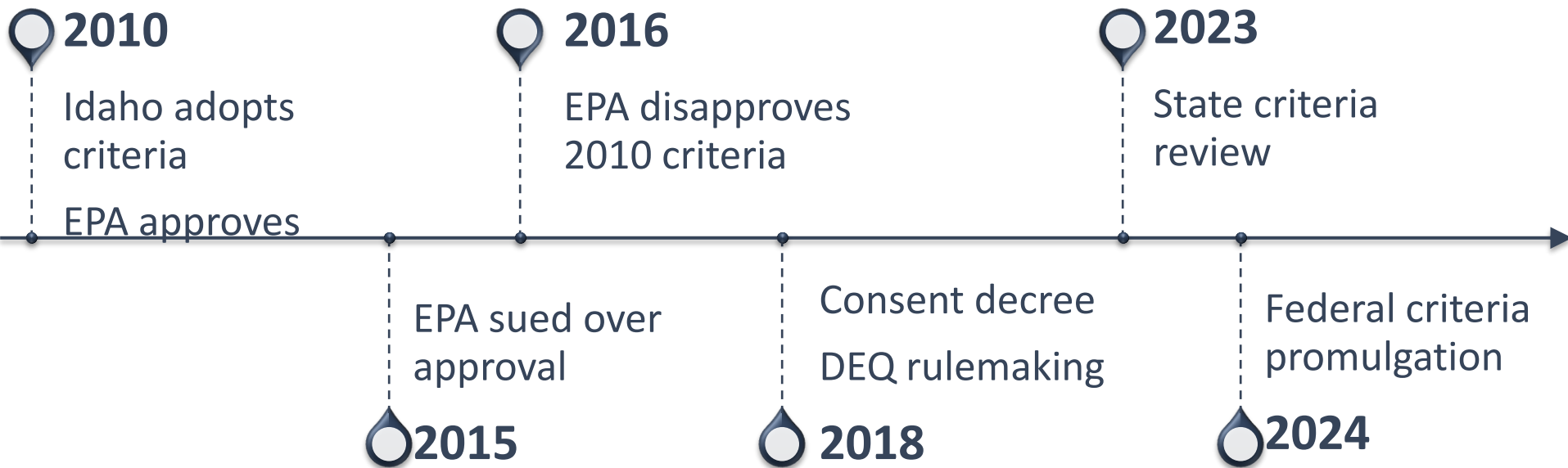
STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY



CWA Approval Process

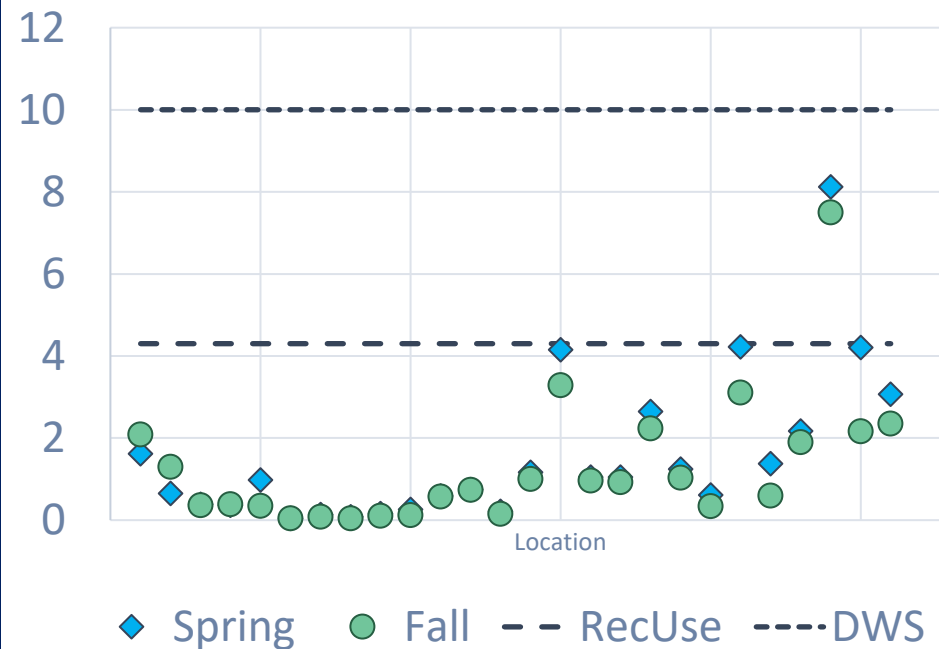


Arsenic Criteria Timeline

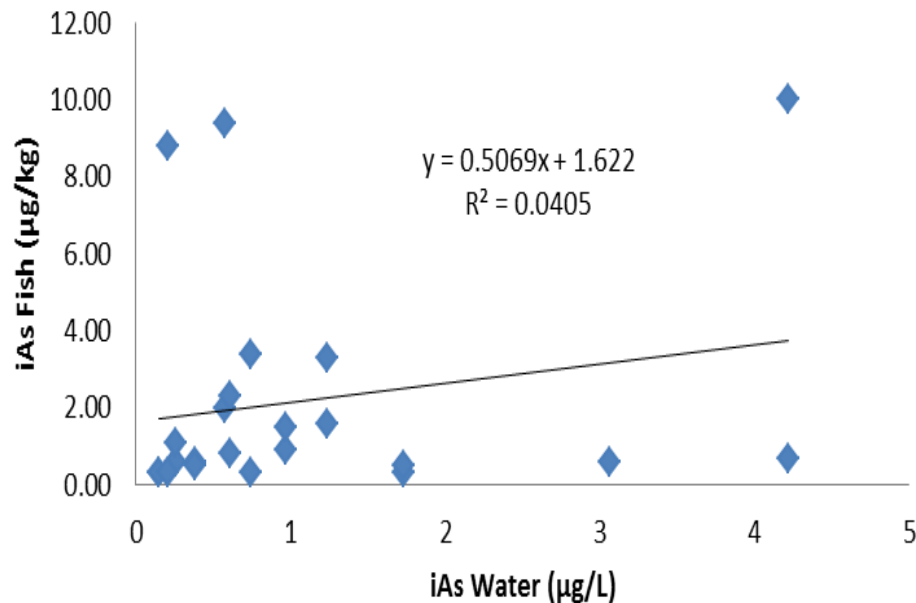


Water quality criteria

iAs in Ambient Water



iAs in Water and Fish



Pending Rule

Exposure	Criterion
Fish Only (Recreation)	8 ug/kg fish tissue; 4.3 ug/L
<p>Fish tissue element is based on total recoverable inorganic arsenic in muscle or fillet.</p> <p>The fish tissue element supersedes the water column element provided at least 90 days have passed since any new activity or discharge has occurred within the water body.</p> <p>Fish tissue element will be applied in accordance with Subsection 210.03.e.</p> <p>Water column element is based on dissolved inorganic arsenic in water.</p>	
Water & Fish (Domestic Water Supply)	10 ug/L
Based on drinking water Maximum Contaminant Level (MCL)	

Pending Rule



- Applying fish tissue criterion:
 - Requires 5 fish of the same species, preferably game fish
 - Provides tool to translate fish tissue concentration to water value based on specific location parameters

Pending Rule

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Rulemaking

- 13 meetings held since 2018
- Difficult to estimate cost to regulated community
- 17 facilities currently have an arsenic limit in a discharge permit



Thank you.

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